

Due Date: April 4, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Tajinder Manku et al. Examiner: Not yet assigned
Serial No.: 10/034,730 Group Art Unit: 2681
Filed: December 28, 2001 Docket: G&C 119.9-US-U1
Title: METHOD AND APPARATUS FOR CONVERSION OF RADIO FREQUENCY (RF) AND
BASEBAND SIGNALS

MAR 28 2002
Technology Center 260



CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on March 15, 2002.

By: George H. Gates
Name: George H. Gates

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Information Disclosure Statement and Form PTO-1449.
- ☒ Cited Reference(s).
- ☒ Return postcard.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

CUSTOMER NUMBER 22462.

GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: George H. Gates
Name: George H. Gates
Reg. No.: 33,500
GHG/sjm

(PTO TRANSMITTAL - GENERAL)

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INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within 3-months of the filing date of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art". Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please direct any response or inquiry to the below-signed attorney at (310) 641-8797.

Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicant(s)

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: March 15, 2002

By: 

Name: George H. Gates
Reg. No.: 33,500

GHG/sjm

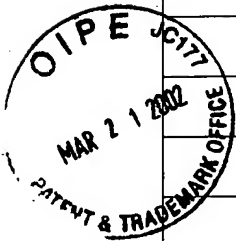
Form 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	Docket Number: G&C 119.9-US-U1	Application Number: 10/034,730
	Applicant: Tajinder Manku et al.	
	Filing Date: December 28, 2001	Group Art Unit: 2681

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,390,346	02/14/95	Marz				
FOREIGN PATENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 01/17120 A2	03/08/01	PCT				
	WO 01/17121 A1	03/08/01	PCT				
	WO 01/17122 A1	03/08/01	PCT				
	PCT/CA00/00994	01/09/00	PCT Written Opinion				
	PCT/CA00/00996	01/09/00	PCT Written Opinion				
	EP 0 899 868 A1	03/03/99	EPO				
	GB 2 239 085 A	03/10/99	UK				
	WO 96/01006	01/11/96	PCT				
	WO 00/05815	02/03/00	PCT				
	WO 99/55015	10/28/99	PCT				
	WO 00/19653	04/06/00	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		D. Jarman, "A Brief Introduction to Sigma . . . Conversion," 1995, pp. 1-7					
		B.R. Veillette et al., "Reliable Analog . . . Generation," Microelectronics and Computer Systems Laboratory, McGill University, Montreal, Quebec, Canada					
		T. Stetzler et al., "A 2.7V to 4.5V Single-Chip . . . Circuit," 1995, IEEE Int'l Solid-State Circuits Conference, pp. 150, 151, and 354					
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		Heinen et al., "A2.7V 2.5GHz Bipolar . . . Communication," 1997, IEEE Int'l Solid-State Circuits Conference, pp. 306-307					
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		J. Sevenhans et al., "An integrated Si bipolar . . . phone," 1992, IEEE, pp. 561-564					
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		M.D. McDonald, "A 2.5GHz BiCMOS . . . Front-End," 1993, IEEE Int'l Solid-State Circuits Conference, pp. 144, 145, and 279					
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		B. Razavi, "Design Considerations . . . Receivers," 1997, IEEE Transactions on Circuits and Systems, 44(6):428-435					

EXAMINER:	DATE CONSIDERED:
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

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		A.A. Abidi, "Direct-Conversion Radio . . . Communications," 1995, IEEE Journal of Solid-State Circuits, 30(12):1399-1410
		M.A.T. Sanduleanu et al., "Low-Power Low-Voltage . . . Reduction," University of Twent, Department of Electrical Engineering, The Netherlands, 4 pgs.
		M. Alexander, "CS43122 White Paper," Crystal Sound Technology, pp. 1-4
		C.E. Hill, "All Digital Fractional-N . . . loop," Applied Microwave & Wireless, Jan-Feb 1998, pp. 38 and 40-42
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